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ATTY DOCKET NO. 66-99A	SERIAL NO. 09/777,727	FILING DATE February 5, 2001
APPLICANT Platz et al.		GROUP 1624

U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
H.G.	5,095,115	3/1992	Grimmer et al.	544	244	
H.C.	3,920,650	11/1975	Spencer et al.	260	251.5	
H.C.	3,189,598	7/1965	Yagi et al.	260	211.3	
H.C.	2,111,491	3/1938	Kuhn et al.	260	29	
H.C.	2,825,729	3/1958	Petering et al.	260	251.5	
H.C.	2,654,753	10/1953	Funk et al.	260	211.3	

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes/No

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

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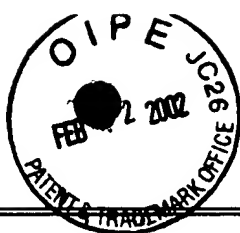
H.C.	CAS Printout for Herfeld et al. Lab. Chim. Ther., Fac. Sci. Pharm. Biol. 5: 67-76	1/1994
H.C.	Koziol et al., Bull. Pol. Acad. Sci. 39: 37-9	1/1991
H.C.	Tyrakowska et al. J. Photochem. Photobiol. A.: Chem 72:235-241	1/1993
H.C.	Schoo et al. Macromolecules 25: 1633-1638	1/1992
H.C.	Herfeld et al. Anti-Cancer drug Design 13: 337-359	1998
H.C.	CAS Printout for Herfeld et al. Anti-Cancer Drug Design 13: 337-359	1998

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APPLICANT Platz et al.		GROUP 1651

U.S. PATENT DOCUMENTS

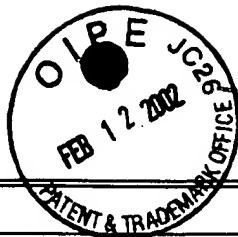
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H.L.	5,891,705	04/06/99	Budowsky et al.	435	238	
H.L.	5,811,144	09/22/98	Bordeleau et al.	426	330.4	
H.L.	4,173,631	11/06/79	Graham et al.	424	180	
H.L.	09/119,666		Goodrich et al.			07/21/98
H.L.	09/357,188		Goodrich et al.			07/20/99

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	Document Number	Date	Country	Class	Subclass	Translation Yes/No
H.L.	196,515	10/08/86	EP			
H.L.	97/07674	03/06/97	WO			

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H.L.		Berezovskii, V.M. and Eremenko, T.V. (1961), "Studies in the Allo- and Isoalloxazine Series. IV. New Synthesis of 2'-Desoxyriboflavin and Synthesis," J. Gen. Chem. USSR 31(11):3575-3578
H.L.		Bhatia, J. et al. (1983), "Riboflavin Enhances Photo-oxidation of Amino Acids under Simulated Clinical Conditions," J. Parenteral Enteral Nutr. 7(3):277-279
H.L.		Cairns, W.L. and Metzler, D.E. (1971), "Photochemical Degradation of Flavins. VI. A New Photoproduct and Its Use in Studying the Photolytic Mechanism," J. Am. Chem. Soc. 93:2772-2777
H.L.		Cerman, J. and Hais, I.M. (1972), "Esters of 6,7-Dimethyl-9-hydroxymethylisoalloxazine as Photodegradation Products of Riboflavin and Formylmethylflavin in Media Containing Fatty Acids," J. Am. Chem. Soc. 94(5):1741-1742
H.L.		Chastain, J.L. and McCormick, D.B. (1991) in <u>Chemistry and Biochemistry of Flavoenzymes</u> , Volume I, Chapter 6, Muller, F. (ed.), CRC Press, Boston, pp. 195-200
H.L.		Chastain, J.L. and McCormick, D.B. (1987), "Clarification and Quantitation of Primary (Tissue) and Secondary (Microbial) Catabolites of Riboflavin That are Excreted in Mammalian (Rat) Urine," J. Nutr., pp. 468-475



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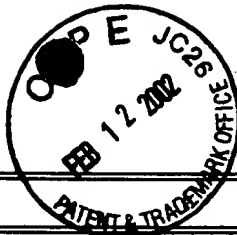
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H.L.		Edwards, A.M. et al. (1994), "Visible light effects on tumoral cells in a culture medium enriched with tryptophan and riboflavin," J. Photochem. Photobiol. B: Biol. 24:179-186
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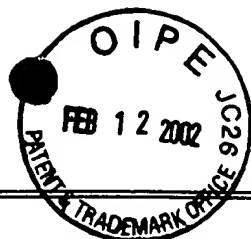
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H.C.		Kasai, S. et al. (1988), "Intestinal Absorption of Riboflavin, Studied by an <i>In Situ</i> Circulation System Using Radioactive Analogues," J. Nutr. Sci. Vitaminol. 34:265-280
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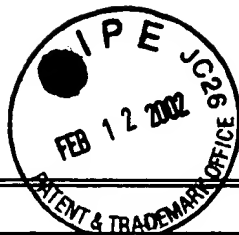
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H.L.		Ono, S. et al. (1986), "Effects of Aging on the Formation of Ester Forms of Riboflavin in the Rat Lens," <i>Internat. J. Vit. Nutr. Res.</i> 56:259-262
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H.L.		Swinehart, J.H. and Hess, G.P. (1965), "Riboflavin-Tryptophan Complex Formation as a Criterion for "Buried" and "Exposed" Tryptophyl Residues in Proteins," <i>Biochim. Biophys. Acta</i> 104:205-213



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H.L.		Tapia, G. and Silva, E. (1991), "Photo-induced riboflavin binding to the tryptophan residues of bovine and human serum albumins," Radiat. Environ. Biophys. 30:131-138
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H.L.		Yang, C.S. et al. (1964), "Microbiological and Enzymatic Assays of Riboflavin Analogues," J. Nutrition 64:167-172

EXAMINER	<i>Henry Lin</i>	DATE CONSIDERED	<i>3/19/02</i>
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APPLICANT Platz et al.		GROUP 1611

U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
H.L.	08/924,519					09/05/97
	6,020,333	02/01/00	Berque	514	251	
	5,976,884	11/02/99	Chapman et al.	436	34	
	5,935,092	08/10/99	Sun et al.	604	4	
	5,922,278	07/13/99	Chapman et al.	422	22	
	5,908,742	06/01/99	Lin et al.	435	2	
	5,876,676	03/02/99	Stossel et al.	422	012	
	5,871,900	02/16/99	Wollowitz et al.	435	2	
	5,869,701	02/09/99	Park et al.	549	283	
	5,866,074	02/02/99	Chapman et al.	422	82.09	
	5,854,967	12/29/98	Hearst et al.	422	186.3	
	5,846,961	12/08/98	Van Dyke	514	171	
	5,843,459	12/01/98	Wang et al.	424	231.1	
	5,834,198	11/10/98	Famulok et al.	435	6	
	5,827,644	10/27/98	Floyd et al.	435	2	
	5,817,519	10/06/98	Zelmanovic et al.	436	63	
	5,798,523	08/25/98	Villeneuve et al.	250	234	
	5,798,238	08/25/98	Goodrich, Jr. et al.	435	173.3	
	5,789,601	08/04/98	Park et al.	549	283	
	5,789,150	08/04/98	Margolis-Nunno et al.	435	2	
	5,772,960	06/30/98	Ito et al.	422	41	
	5,756,553	05/26/98	Iguchi et al.	514	772.3	
	5,739,013	04/14/98	Budowsky et al.	435	91.1	
	5,714,328	02/03/98	Magda et al.	435	6	
	5,712,086	01/27/98	Horowitz et al.	435	2	
H.L.	5,709,991	01/20/98	Lin et al.	435	2	



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APPLICANT Platz et al.		GROUP 1611

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		5,698,524	12/16/97	Mach et al.	514	22	
		5,691,132	11/25/97	Wollowitz et al.	435	2	
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		5,686,436	11/11/97	Van Dyke	514	171	-
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		5,658,722	08/19/97	Margolis-Nunno et al.	435	2	
		5,658,530	08/19/97	Dunn	422	24	
		5,654,443	08/05/97	Wollowitz et al.	549	282	
		5,653,887	08/05/97	Wahl et al.	210	745	
		5,652,096	07/29/97	Cimino	435	6	
		5,643,334	07/01/97	Eckhouse et al.	607	88	
		5,639,382	06/17/97	Brown	210	739	
		5,639,376	06/17/97	Lee et al.	210	645	
		5,628,727	05/13/97	Hakky et al.	604	6	
		5,624,435	04/29/97	Furumoto et al.	606	10	
		5,622,867	04/22/97	Livesey et al.	436	18	
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		5,593,823	01/14/97	Wollowitz et al.	435	2	
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		5,571,666	11/05/96	Floyd et al.	435	2	
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H.C.		5,556,993	09/17/96	Wollowitz et al.	549	282	
		5,556,958	09/17/96	Carroll et al.	536	25.3	
		5,550,111	08/27/96	Suhadolnik et al.	514	44	
		5,547,635	08/20/96	Duthie, Jr.	422	24	
		5,545,516	08/13/96	Wagner	435	2	
		5,536,238	07/16/96	Bischof	604	6	
		5,527,704	06/18/96	Wolf, Jr. et al.	435	283.1	
		5,516,629	05/14/96	Park et al.	435	2	-
		5,503,721	04/02/96	Hearst et al.	204	157.6	
		5,487,971	01/30/96	Holme et al.	435	2	
		5,482,828	01/09/96	Lin et al.	435	2	
		5,474,891	12/12/95	Murphy	435	2	
		5,466,573	11/14/95	Murphy et al.	435	2	
		5,459,030	10/17/95	Lin et al.	435	2	
		5,433,738	07/18/95	Stinson	607	92	
		5,427,695	06/27/95	Brown	210	805	
		5,419,759	05/30/95	Naficyn	604	5	
		5,418,130	05/23/95	Platz et al.	435	2	
		5,378,601	01/03/95	Gepner-Puszkun	435	2	
		5,376,524	12/27/94	Murphy et al.	435	2	
		5,366,440	11/22/94	Fossel	604	4	
		5,360,734	11/01/94	Chapman et al.	435	238	
		5,358,844	10/25/94	Stossel et al.	435	2	
		5,344,918	09/06/94	Dazey et al.	530	381	
		5,344,752	09/06/94	Murphy	435	2	
		5,342,752	08/30/94	Platz et al.	435	2	
		5,340,716	08/23/94	Ullman et al.	435	6	
H.C.		5,318,023	06/07/94	Vari et al.	128	633	



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APPLICANT Platz et al.		GROUP 1611

H.C.		5,304,113	04/19/94	Sieber et al.	604	4	
		5,300,019	04/05/94	Bischof et al.	604	4	
		5,290,221	03/01/94	Wolf, Jr. et al.	604	4	
		5,288,647	02/22/94	Zimlich, Jr. et al.	436	174	
		5,288,605	02/22/94	Lin et al.	435	902	
		5,273,713	12/28/93	Levy	422	22	
		5,269,946	12/14/93	Goldhaber et al.	210	767	
		5,258,124	11/02/93	Bolton et al.	210	748	
		5,248,506	09/28/93	Holme et al.	424	533	
		5,247,178	09/21/93	Ury et al.	250	438	
		5,236,716	08/17/93	Carmen et al.	424	532	
		5,234,808	08/10/93	Murphy	435	2	
		5,232,844	08/03/93	Horowitz et al.	435	173.1	
		5,229,081	07/20/93	Suda	427	186	
		5,216,251	06/01/93	Matschke	250	455.11	
		5,192,264	03/09/93	Fossel	604	4	
		5,185,532	02/09/93	Zabsky et al.	250	455.11	
		5,184,020	02/02/93	Hearst et al.	250	455.11	
		5,166,528	11/24/92	Le Vay	250	455.11	
		5,150,705	09/29/92	Stinson	128	396	
		5,147,776	09/15/92	Koerner, Jr.	435	2	
		5,133,932	07/28/93	Gunn et al.	422	24	
		5,123,902	06/23/92	Müller et al.	604	21	
		5,120,649	06/09/92	Horowitz et al.	435	713	
		5,114,957	05/19/92	Hendler et al.	514	356	
		5,114,670	05/19/92	Duffey	422	24	
		5,092,773	03/03/92	Levy	433	224	
H.C.		5,089,384	02/18/92	Hale	435	2	

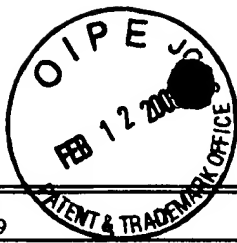


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APPLICANT Platz et al.		GROUP 1611

H.C.		5,089,146	02/18/92	Carmen et al.	210	782	
		5,041,078	08/20/91	Matthews et al.	604	4	
		5,039,483	08/13/91	Sieber et al.	422	28	
		5,030,200	07/09/91	Judy et al.	604	5	
		5,020,995	06/04/91	Levy	433	215	
		5,017,338	05/21/91	Surgenor	422	41	
		5,011,695	04/30/91	Dichtelmuller et al.	424	529	
		4,999,375	03/12/91	Bachynsky et al.	514	455	-
		4,998,931	03/12/91	Slichter et al.	604	20	
		4,994,367	02/19/91	Bode et al.	435	2	
		4,992,363	02/12/91	Murphy	435	2	
		4,986,628	01/22/91	Lozhenko et al.	350	96.29	
		4,978,688	12/18/90	Louderback	514	722	
		4,961,928	10/09/90	Holme et al.	424	533	
		4,960,408	10/02/90	Klainer et al.	604	4	
		4,952,812	08/28/90	Miripol et al.	250	455.1	
		4,950,665	08/21/90	Floyd	514	222.8	
		4,948,980	08/14/90	Wedekamp	250	504 R	
		4,946,438	08/07/90	Reemtsma et al.	604	53	
		4,930,516	06/05/90	Alfano et al.	128	665	
		4,921,473	05/01/90	Lee et al.	494	27	
		4,915,683	04/10/90	Alfano et al.	128	665	
		4,880,788	11.14.89	Moake et al.	514	150	
		4,878,891	11/07/89	Judy et al.	604	5	
		4,866,282	09/12/89	Miripol et al.	250	455.1	
		4,861,704	08/29/89	Reemtsma et al.	435	1	
		4,833,165	05/23/89	Louderback	514	694	
H.L.		4,831,268	05/16/89	Fisch et al.	250	432 R	



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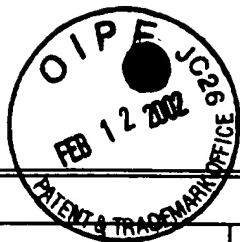
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APPLICANT Platz et al.		GROUP 1611

H.L.	4,788,038	11/29/88	Matsunaga	422	22	
	4,775,625	10/04/88	Sieber	435	238	
	4,748,120	05/31/88	Wiesehahn	435	173	
	4,737,140	04/12/88	Lee et al.	604	4	
	4,727,027	02/23/88	Wiesehahn et al.	435	173	
	4,726,949	02/23/88	Miripol et al.	424	101	
	4,708,715	11/24/87	Troutner et al.	604	6	
	4,695,460	09/22/87	Holme	424	101	-
	4,693,981	09/15/87	Wiesehahn et al.	435	238	
	4,684,521	08/04/87	Edelson	424	101	
	4,683,889	08/04/87	Edelson	128	395	
	4,683,202	07/28/87	Mullis	435	91	
	4,683,195	07/28/87	Mullis et al.	435	6	
	4,651,739	03/24/87	Oseroff et al.	128	395	
	4,649,151	03/10/87	Dougherty et al.	514	410	
	4,648,992	03/10/87	Graf et al.	540	124	
	4,645,649	02/24/87	Nagao	422	186.3	
	4,642,171	02/10/87	Sekine et al.	204	298	
	4,623,328	11/18/86	Hartranft	604	4	
	4,614,190	09/30/86	Stanco et al.	128	395	
	4,613,322	09/23/86	Edelson	604	6	
	4,612,007	09/16/86	Edelson	604	5	
	4,608,255	08/26/86	Kahn et al.	424	101	
	4,604,356	08/05/86	Blake, II	435	194	
	4,596,547	06/24/86	Troutner	604	4	
	4,578,056	03/25/86	King et al.	604	6	
	4,576,143	03/18/86	Clark, III	128	1 R	
H.L.	4,573,962	03/04/86	Troutner	604	6	



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APPLICANT Platz et al.		GROUP 1611

H.L.		4,573,961	03/40/86	King	604	6	
		4,573,960	03/40/86	Goss	604	6	
		4,568,328	02/04/86	King	604	6	
		4,493,981	01/15/85	Payne	219	450	
		4,481,167	11/06/84	Ginter et al.	422	29	
		Re 32,874 of 4,474,153	02/21/89 05/08/84	Rock et al.	424	101	
		4,467,206	08/21/84	Taylor et al.	250	435	
		4,464,166	08/07/84	Edelson	604	6	
		4,456,512	06/26/84	Bieler et al.	204	162 R	
		4,428,744	01/31/84	Edelson	604	6	
		4,424,201	01/03/84	Valinsky et al.	424	3	
		4,421,987	12/20/83	Herold	250	492.1	
		4,407,282	10/04/83	Swartz	604	20	
		4,402,318	09/06/83	Edelson	604	6	
		4,398,906	08/16/83	Edelson	604	6	
		4,398,031	08/09/83	Bender et al.	549	282	
		4,336,809	06/29/82	Clark	128	665	
		4,321,919	03/30/82	Edelson	128	124 R	
		4,321,918	03/30/82	Clark, II	128	124 R	
		4,312,883	01/26/82	Baccichetti et al.	424	279	
		4,196,281	04/01/80	Hearst et al.	536	28	
		4,181,128	01/01/80	Swartz	128	207.21	
		4,169,204	09/25/79	Hearst et al.	546	270	
		4,139,348	02/13/79	Swartz	23	232 E	
		4,124,598	11/07/78	Hearst et al.	260	343.21	
		3,927,325	12/16/75	Hungate et al.	250	435	
H.L.		3,926,556	12/16/75	Boucher	21	54 R	



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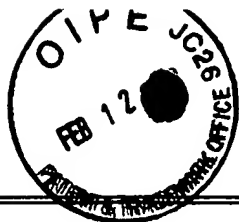
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APPLICANT Platz et al.		GROUP 1611

H.L.		3,894,236	07/08/75	Hazelrigg	250	435	
		3,864,081	02/04/75	Logrippo	21	102 R	
		3,852,032	12/03/74	Urbach	21	54	
		3,776,694	12/04/73	Leittl	21	102 R	
		3,705,985	12/12/72	Manning et al.	250	106 S	
		3,683,183	08/08/72	Vizzini et al.	250	44	
		3,683,177	08/08/72	Veloz	250	43	
		3,456,053	07/15/69	Crawford	424	89	-
		2,340,890	02/08/44	Lang et al			
		2,212,330	08/20/40	Thomas	250	52	
		2,212,230	08/20/40	Goldmann	250	11	
		2,056,614	10/06/36	Moehler	21	18	
		1,961,700	06/05/34	Moehler	167	3	
		1,733,239	10/29/29	Roberts			
H.L.		683,690	01/01/01	Johnson			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes/No
H.L.		WO 99/11305	11.03.99	PCT			
		WO 98/31219	23.07.98	PCT			
		WO 98/30545	16.07.98	PCT			
		WO 97/36634	09.10.97	PCT			
		WO 97/36581	09.10.97	PCT			
		WO 97/22245	26.06.97	PCT			
		WO 97/07674	06.03.97	PCT			
		WO 96/14740	23.05.96	PCT			
		WO 95/16348	22.06.95	PCT			
H.L.		WO 95/12973	18.05.95	PCT			



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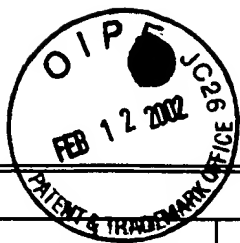
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H.L.		WO95/11028	27.04.95	PCT			
		WO 95/02325	26.01.95	PCT			
		WO 94/07499	14.04.94	PCT			
		WO94/07426	14.04.94	PCT			
		WO 92/17173	09/10/92	PCT			Abstract only
		WO 92/11057	09.07.92	PCT			
		WO 91/02529	07.03.91	PCT			
		WO 89/06702	27.07.89	PCT			
		0 801 072 A2	15.10.97	EP			
		0 525 138 B1	20.12.91	EP			
		0 491/757	08.09.90	EP			
		0 196 515 A1	13.03.86	EP			
		0 124 363	27.04.84	EP			
		0 066,886	08.06.82	EP			
		2674753	09.10.92	FR			Abstract only
		2715303	28.07.95	FR			Abstract only
H.L.		2718353	13.10.95	FR			Abstract only

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H.L.		Abdurashidova, G.G. et al., "Polynucleotide-protein interactions in the translation system. Identification of proteins interacting with tRNA in the A- and P-sites of E. coli ribosomes," (1979) <i>Nucleic Acids Res.</i> 6(12):3891-3909
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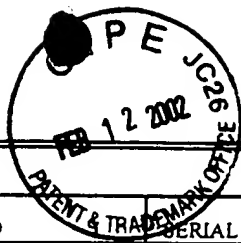


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H.C.			

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